

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2934	glass with (powder or material) with free (Pb or lead)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:33
S2	30	S1 and ((cuo or (cupper adj oxide)) same (nio or (nickel adj oxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:35
S3	26	S1 and ((cuo or (cupper adj oxide)) same (nio or (nickel adj oxide)) same glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:40
S4	9	S3 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 19:48
S5	683	((cuo or (cupper adj oxide)) same (nio or (nickel adj oxide)) same glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:41
S6	248	((cuo or (cupper adj oxide)) same (nio or (nickel adj oxide)) same glass same (conductive or metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:41
S7	348	((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same glass same (conductive or metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 16:42
S8	8	((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass with free with (pb or lead))same (conductive or metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:51
S9	8	((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass with free with (pb or lead)) same (conductive or metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:15
S11	1	((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass with free with (pb or lead)) same ("catio.sub.3" or (calcium adj titanate)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:19
S12	1	((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass with free with (pb or lead)) same ("catio.sub.3" or (calcium adj titanate)or perovskite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:21

## EAST Search History

S13	27726	((resistor or resistive) with (paste or composition or film)).ab. or ((resistor or resistive) with (paste or composition or film)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:21
S14	1	S13 and ((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass with free with (pb or lead)) same ("catio.sub.3" or (calcium adj titanate)or perovskite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:02
S15	5	S13 and ((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)) same (glass) same ("catio.sub.3" or (calcium adj titanate)or perovskite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:28
S17	6	S13 and ((cuo or "cu.sub.2o" or (copper adj oxide)) same (nio or (nickel adj oxide)) same ("catio.sub.3" or (calcium adj titanate) or perovskite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:34
S18	1	S17 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:29
S19	10	S13 and ((cuo or "cu.sub.2o" or (copper adj oxide)) same (nio or (nickel adj oxide)) same ("catio.sub.3" or (calcium adj titanate) or perovskite or titanate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:00
S20	4	S19 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:34
S21	447	S13 and ((calcium adj titanate) or perovskite or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:39
S22	28	S13 and ((calcium adj titanate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 17:39
S23	24	S22 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:01
S25	3	S23 and (nio or (nickel adj oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:00

## EAST Search History

S26	8	S22 and ((cuo or "cu.sub.2o" or (copper adj oxide) or copper or cu) same (ni or nickel or nio or (nickel adj oxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:01
S27	5	S26 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:23
S28	23	S13 and ((cuo or "cu.sub.2o" or (copper adj oxide) or copper or cu) same (ni or nickel or nio or (nickel adj oxide)) same ("catio.sub.3" or (calcium adj titanate) or perovskite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:03
S29	36	S13 and ((cuo or "cu.sub.2o" or (copper adj oxide) or copper or cu) same (ni or nickel or nio or (nickel adj oxide)) same ("catio.sub.3" or (calcium adj titanate) or perovskite or titanate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:23
S30	18	S29 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:31
S31	10	S30 and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:22
S33	42	(jacob near hormadaly).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:23
S34	39	S33 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:23
S36	2	S34 and ((cuo or "cu.sub.2o" or (copper adj oxide)) and (nio or (nickel adj oxide)) and ("catio.sub.3" or (calcium adj titanate) or perovskite or titanate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/09 18:24
S37	27727	((resistor or resistive) with (paste or composition or film)).ab. or ((resistor or resistive) with (paste or composition or film)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:44
S39	76	S37 and ((glass or frit) with ((pb or lead) with free))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:31

## EAST Search History

S40	125	S37 and ((pb or lead) near free)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:45
S41	18	S40 and ("CaTiO.sub.3" or perovskite or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:32
S42	18	S40 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:37
S43	1	S42 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:38
S44	20	("4436829"   "4906406"   "4961999"   "5122302"   "5244601"   "5378408"   "5439852").PN. OR ("5491118").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/10 08:35
S45	16	S40 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:48
S46	0	S45 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:38
S47	5	S44 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:38
S48	48490	((resistor or resistive) with (paste or composition or film or layer or mixture)).ab. or ((resistor or resistive) with (paste or composition or film or layer or mixture)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:44
S49	361	S48 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:45

## EAST Search History

S50	19	S49 and ((pb or lead) near free)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:45
S51	14	S49 and ((cuo or (copper adj oxide)) same (nio or (nickel adj oxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:46
S52	7	S50 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:48
S53	12	S50 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 08:49
S54	7	S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 09:04
S55	2	("5202292").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/10 09:11
S56	2	("6428914").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/10 09:11
S57	27727	((resistor or resistive) with (paste or composition or film)).ab. or ((resistor or resistive) with (paste or composition or film)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 19:46
S58	125	S57 and ((pb or lead) near free)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:50
S59	16	S58 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3" or "ABO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:57

## EAST Search History

S60	236	S57 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3" or "ABO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:50
S61	12	S60 and (((pb or lead) near free) with (glass or frit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:27
S63	170	S60 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:02
S64	9	S63 and ((cuo or "cu.sub.2o" or (copper adj oxide)) and (nio or (nickel adj oxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:57
S65	10465	((resistor or resistive) with (paste or composition or film)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:56
S66	99	S65 and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "ABO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:21
S67	9	S66 and ((cuo or "cu.sub.2o" or (copper adj oxide)) and (nio or (nickel adj oxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 11:57
S68	77	S66 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:27
S69	11	S68 and (conductive with (metal or particle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:03
S70	2	((((glass or frit) with free with (lead or pb)) and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "ABO.sub.3") and (conductive with (particle or metal or material))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:25

## EAST Search History

S71	3	((glass or frit) with free with (lead or pb)) and ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "ABO.sub.3" or titanate) and (conductive with (particle or metal or material))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:23
S73	235	((glass or frit) same ("CaTiO.sub.3" or (calcium with titanate) or perovskite or "ABO.sub.3" or titanate) same (conductive near (particle or metal or material)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:26
S74	157	S73 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:27
S76	24	S74 and ((resistor or resistive) with (paste or composition or film))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/07/10 12:27
S77	2	("6328914").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/16 11:02
S78	488	resistor with paste with composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:36
S79	0	S78 and (pervoskite or titantium or "ABO.sub.3" or ((ca or sr or ba or ni or mn or co or fe or cu or mg) adj "TiO.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:21
S80	24	S78 and (pervoskite or titantium or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:14
S81	16	S80 and ((carrier or vehicle or medium) and (conductive near3 (powder or particle or material)) and (glass or frit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:24
S82	6	S81 @ad <= "20030618"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:24
S83	127	(resistor with (paste or ink) with composition).ti. or (resistor with (paste or ink) with composition).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:37

## EAST Search History

S84	56	(resistor with (paste or ink) with composition) same (carrier or solvent or medium or vehicle) same (conductive near (powder or particle or material)) same (glass or frit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 17:38
S85	2	S83 and (pervoskite or titantium or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 18:03
S86	7	S83 and (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 18:04
S87	86100	((resist\$3) near2 (paste or composition or film)).ab. or ((resist\$3) near2 (paste or composition or film)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 19:46
S88	28458	((resist\$3) near2 (paste or composition)).ab. or ((resist\$3) near2 (paste or composition)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 19:46
S89	242	((resist\$3) near2 (paste or composition)) same (titanate or pervoskite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 19:47
S90	33	((resist\$3) near2 (paste or composition)) same (provid\$3 or improv\$3 or prevent\$3) same (titanate or pervoskite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:03
S91	26	S90 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:09
S92	13	("3495996"   "3583931"   "3775347"   "3846829").PN. OR ("RE30313").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/26 19:56
S93	15	((resistor) near2 (paste or composition)) same (provid\$3 or improv\$3 or prevent\$3) same (titanate or pervoskite or "ATiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:11
S94	10	S93 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:30



## EAST Search History

S95	0	(hirobuni near tanaka).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:09
S96	454	(hirobumi near tanaka).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:09
S97	178	(katsuhiko near igarashi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:09
S98	543	S96 or S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:09
S99	378	S98 @ad <= "20020517"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:10
S10 0	3	((resistor) near2 paste near2 composition) same (titanate or pervoskite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:19
S10 1	3	S99 and (titanate or pervoskite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:14
S10 2	0	((resistor) near2 paste near2 composition) and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:19
S10 3	7	((resistor) near2 paste) and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:28
S10 4	51	((resistor) near2 paste) same (glass or frit) same (vehicle or medium or solvent or carrier) same (additive or perovskite ot titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:35
S10 5	1	S104 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:29
S10 6	12	S104 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:36

## EAST Search History

S11 0	34	((resistor) near2 paste) same (glass or frit) same (vehicle or medium or solvent or carrier) and (perovskite or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:36
S11 1	18	((resistor) near2 paste) same (glass or frit) same (vehicle or medium or solvent or carrier) same (perovskite or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 20:52
S11 2	8	S111 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:16
S11 3	4	((resistor) near2 paste) same (glass or frit) same (vehicle or medium or solvent or carrier) same ("catio.sub.3" or "batio.sub.3" or "srtio.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:16
S11 4	6	("2393449").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/26 21:12
S11 5	898	((resistor or dielectric) near2 paste).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:25
S11 6	74	S115 and ("catio.sub.3" or "batio.sub.3" or "srtio.sub.3" or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:25
S11 7	32	S115 and ((glass or frit) with free) and (vehicle or medium or solvent or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:26
S11 8	9	S117 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:26
S11 9	9	S116 and ((glass or frit) with free) and (vehicle or medium or solvent or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:21
S12 1	1338	((resist\$3 or dielectric) near2 paste).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:25
S12 2	78	S121 and ("catio.sub.3" or "batio.sub.3" or "srtio.sub.3" or titanate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:25

## EAST Search History

S12 3	9	S122 and ((glass or frit) with free) and (vehicle or medium or solvent or carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:26
S12 5	37	S122 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/26 21:26
S12 6	84	(resistor near2 (paste or ink or film) with (composition or compris\$3 or consist\$3) same (carrier or solvent or medium or vehicle) same (conductive near (powder or particle or material or filler or inorganic)) same (glass or frit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:12
S12 7	110	(resistor near2 (paste or ink or film) with (composition or compris\$3 or consist\$3) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:15
S12 8	12	S126 and (pervoskite or titantium or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:14
S12 9	15	S126 and (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:14
S13 0	8	(resistor near2 (paste or ink or film) with (composition or compris\$3 or consist\$3) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit)) same (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:25

## EAST Search History

S13 1	7	S129 not S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:18
S13 2	8	((resistor or dielectric) near2 (paste or ink or film) with (composition or compris\$3 or consist\$3) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit)) same (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:28
S13 3	8	S132 not S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:26
S13 4	9	((resistor or dielectric) near2 (paste or ink or film)) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit) same (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:30
S13 5	1	S134 not S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:29
S13 6	9	((resistor or dielectric) near2 (paste or ink or film or (thick near film))) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit) same (pervoskite or titanate or "ABO.sub.3" or "caTiO.sub.3" or "srTiO.sub.3" or "baTiO.sub.3" or "niTiO.sub.3" or "mnTiO.sub.3" or "coTiO.sub.3" or "feTiO.sub.3" or "cuTiO.sub.3" or "mgTiO.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:31

## EAST Search History

S13 7	23	((resistor or dielectric) near2 (paste or ink or film or (thick near film))) same (carrier or solvent or medium or vehicle) same ((electroconductive or conductive) near2 (powder or particle or material or filler or inorganic)) same (glass or frit) and (pervoskite or titanate or "ABO.sub.3" or "CaTiO.sub.3" or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:33
S13 8	7	S137 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:38
S13 9	598	(TCR or STROL or (temperature near characteristic) or (short heart time near overload near characteristic)) same (pervoskite or titanate or "ABO.sub.3" or "CaTiO.sub.3" or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:37
S14 0	26	(TCR or STROL or (temperature near characteristic) or (short heart time near overload near characteristic)) same (pervoskite or titanate or "ABO.sub.3" or "CaTiO.sub.3" or "SrTiO.sub.3" or "BaTiO.sub.3" or "NiTiO.sub.3" or "MnTiO.sub.3" or "CoTiO.sub.3" or "FeTiO.sub.3" or "CuTiO.sub.3" or "MgTiO.sub.3") same ((resistor or dielectric) near2 (paste or ink or film or (thick near film)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:38
S14 1	8	S140 @ad <= "20030518"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/27 09:38